FOR HIGH PULSE CURRENT

ISO9001 CE RoHS

ER 34615/HPC1550

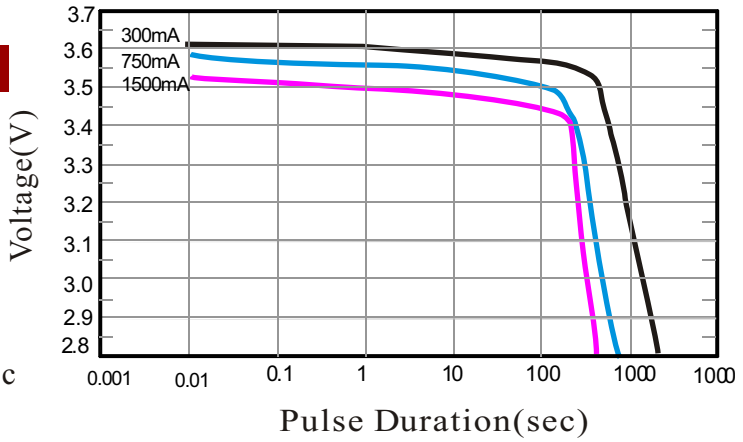
TECHNICAL DATA （23±2℃）

Capacity to2.5V(@500mA@1% duty cycle)	19Ah
Nominal voltage	3.6V
Maximum 1 second pulse to 2.5V	3000mA
Maximum pulse length @500mA to 2.5V	1000sec
Delay time to 3.0V @ 500mA	No Delay
Typical weight	140g
Operating temperature range	-40℃~+85℃
Capacity retention after 10 years	96%
U.L. Component Recognition MH 29130	

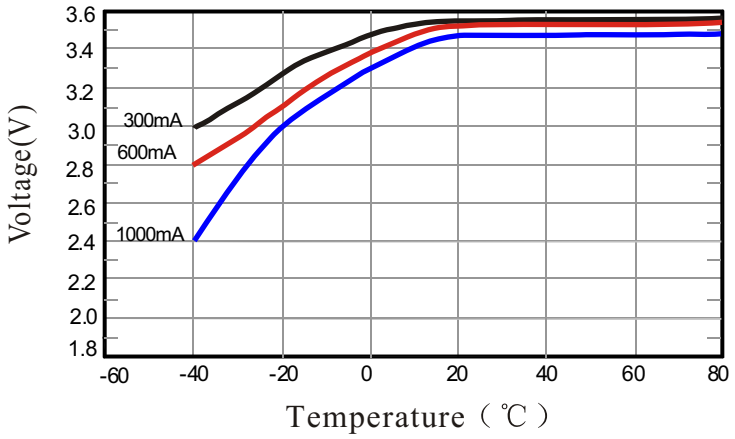
Benefits

- High energy density
- High voltage, stable during most of the applications lifetime
- Wide range of operating temperature (-40℃~+85℃)
- Long storage life

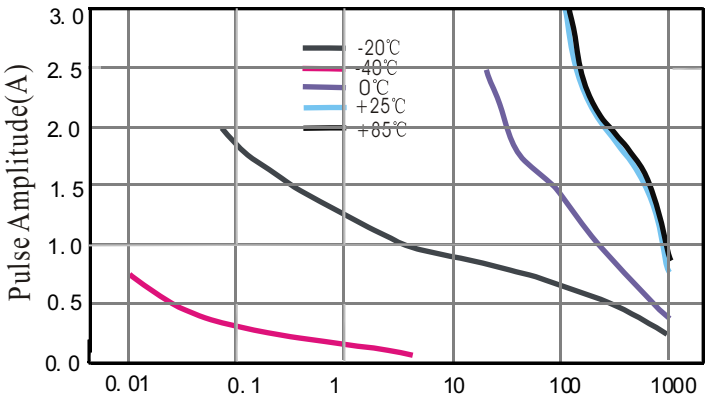
Voltage vs pulse duration



Min. Voltage VS Temperature for 1 sec Pulse



Max. Pulse Width to Min. Voltage of 2.8V



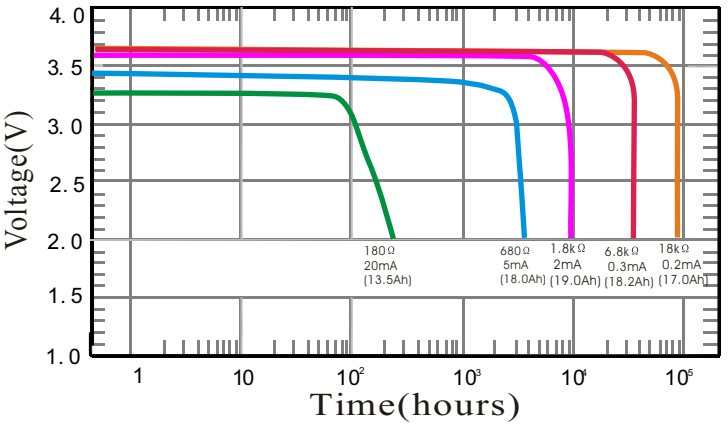
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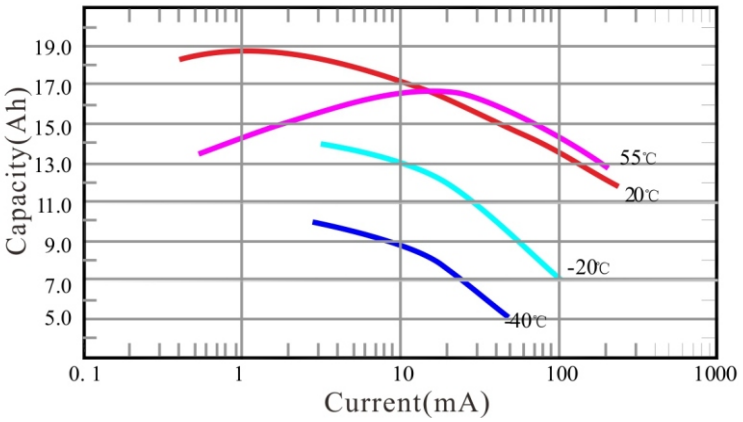
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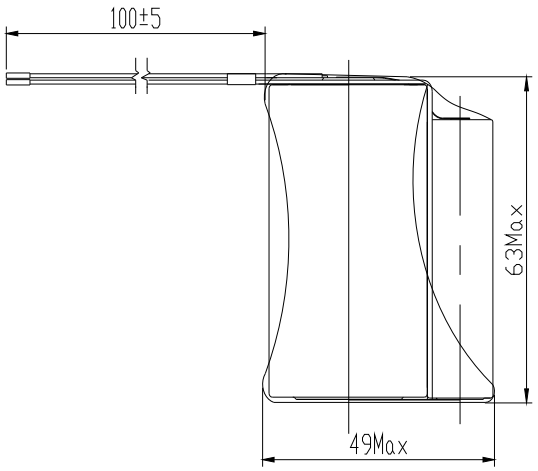
The battery is designed specifically for applications requiring low background currents combined with high current pulse. The high pulse current battery combines the inherent benefitd of bobbin type lithium thionyl cell with a novel hermetically sealed Hybrid Pulse Capacitor(HPC). The addition of the HPC enhances the performance of the lithium thionyl chloride cell to meel large pulse current requirements, thus providing greater performance and safety in comparison to jellyroll construction (spirally wound) type batteries.

Discharge Characteristics at 23±2℃



Capacity vs. Current





Self Discharge vs. Temperature

